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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/613,964	07/03/2003	Mark Vaughn	100202889-1	6789
22879 7590 04/08/2009 HEWLETT PACKARD COMPANY P O BOX 272400, 3404 E. HARMONY ROAD INTELLECTUAL PROPERTY ADMINISTRATION FORT COLLINS, CO 80527-2400				
EXAMINER				
OBEID, FAHD A				
ART UNIT		PAPER NUMBER		
3627				
NOTIFICATION DATE		DELIVERY MODE		
04/08/2009		ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary

Application No.

10/613,964

Applicant(s)

VAUGHN, MARK

Examiner

FAHD A. OBEID

Art Unit

3627

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 January 2009.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SG/US)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Status of the Application

1. This is in reply to application filed on 01/22/2009.
2. Claims 1-25 are currently pending.
3. No claims have been added or cancelled.
4. Claims 1, 10, 19, and 22 have been amended.
5. Claims 1-25 are currently pending and have been examined.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. **Claims 1-25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Reifel (US 7,013,288) in view of Kurz (US 6,584,290) and further in view of Barns-Slavin (US 5,995,950).**
3. Regarding Claims 1, 10, 19, and 22: Reifel discloses a method for print fulfillment, comprising the steps of:
 - Maintaining a print quantity in a server (col 2 lines 5-10 and col 6 lines 20-42).
 - The print quantity being associated with a recipient (fig 8 - 9)

- Accumulating a collection of images received from an originator in the server, the collection of images being associated with the recipient (figs 8-9).
- Automatically implementing a printing of the images included in the collection of images when a total number of the images included in the collection of images breaches the print quantity (figs 2-4, col 4 lines 20-30, col 13 lines 33-36, col 16 lines 19-37 and claim 11).

Reifel does not explicitly teach determining a print quantity defined by a predetermined economical ship quantity and automatically printing the images when a total number of the images breaches the print quantity.

However, Kurz does teach automatically printing the documents (images) after an indication of a threshold condition (col 7 lines 16-18 and claim 7).

While Barns-Slavin teach determining a print quantity defined by a predetermined economical ship quantity (discounted shipping charges can be determined for number of parcels to be shipped to a consignee; col 1 lns 12-43).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to use Kurz's and Barns-Slavin teachings in Reifel's "method and system for managing the distribution of images and prints" enabled, for the advantage of ordering a large quantity of prints to be shipped at a reduce price.

4. Regarding Claims 2, 11, 20, and 23: Reifel disclose a method of claim 1, wherein the step of implementing the printing of the image included in the collection of images when the total number of the images included in the collection of images breaches the print quantity further comprises the steps of: printing each of the images in the collection of images; and

shipping the images to the recipient (figs 8-9, col 13 lines 35-37, col 17 lines 12-16, and col 18 lines 36-48).

5. Regarding Claims 3, 12, 21, and 24: Reifel disclose a method of claim 1, wherein the step of implementing the printing of the images included in the collection of images when the total number of the images included in the collection of images breaches the print quantity further comprises the steps of:

- Transmitting each of the images in the collection of images to a print vendor for printing (col 5 lines 28-30, col 12 lines 17-27, and col 15 lines 55-60)
- Transmitting a ship address associated with the recipient to the print vendor to facilitate shipping of printed ones of the image to the recipient (figs 4, 5, 7A, col 18 lines 26-29, and col 18 lines 36-48).

6. Regarding Claims 4, 13 and 25: Reifel disclose a method of claim 3, further comprising the step of tracking a total number of the images transmitted to the print vendor for printing (col 9 lines 32-38, col 12 lines 49-62, and col 16 lines 34-37).

7. Regarding Claims 5 and 14: Reifel disclose a method of claim 1, further comprising the step of implementing the printing of the images included in the collection of images upon receipt of an order for immediate printing of the collection of images from the originator (figs 3-5, col 5 lines 45-61, and col 6 lines 37-42).

8. Regarding Claims 6 and 15: Reifel disclose a method of claim 1, wherein the step of accumulating the collection of images received from the originator in the server further comprises the steps of:

- Receiving a number of images from the originator (figs 5 and 8).
- Adding each of the number of images to the collection of images (figs 5 & 8, and col 6 lines 37-42).
- Determining if the total number of the images included in the collection of images breaches the print quantity after adding each of the number of images to the collection of images (col 16 lines 29-37).

9. Regarding Claims 7 and 16: Reifel disclose a method of claim 1, further comprising the step of acknowledging a receipt of a number of images to the originator (col 19 lines 42-51).

10. Regarding Claims 8 and 17: Reifel disclose a method of claim 1, further comprising the step of sending a print notification to the originator when the total number of the images included in the collection of images breaches the print quantity (col 19 lines 42-51).

11. Regarding Claims 9 and 18: Reifel disclose a method of claim 1, further comprising the step of obtaining a payment for the implementation of the printing of the images included in the

collection of images when the total number of the images included in the collection of images breaches the print quantity (fig 8-9, col 5 lines 35-44, col 11 lines 4-6, col 20 lines 50-57).

Response to Arguments

1. Applicant's arguments have been fully considered but they are not persuasive. In particular the applicant argues that: a) Kurz does not teach " Automatically implementing a printing of the images included in the collection of images when a total number of the images included in the collection of images breaches the print quantity"

In response to a) examiner respectfully disagrees. Applicant is reminded that claims must be given their broadest reasonable interpretation. Kurz does teach automatically printing a document (image) after an indication of a threshold condition (col 7 lns 16-18 and claim 7).

Therefore, Kurz still meets the scope of the limitation as currently claimed.

Conclusion

2. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to FAHD A. OBEID whose telephone number is (571)270-3324. The examiner can normally be reached on Monday to Friday 8:00am-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ryan Zeender can be reached on 571-272-6790. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Fahd A Obeid/
Examiner, Art Unit 3627
03/30/2009

/F. Ryan Zeender/
Supervisory Patent Examiner, Art Unit 3627